

# **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/593,103  
Source: IFW0  
Date Processed by STIC: 11/13/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 11/13/2006

PATENT APPLICATION: US/10/593,103

TIME: 12:27:08

Input Set : A:\Q96480 sequence listing submitted 11.2006.txt

Output Set: N:\CRF4\11132006\J593103.raw

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3 <110> APPLICANT: SUCAMPO AG
5 <120> TITLE OF INVENTION: METHOD FOR DIAGNOSING OR PREDICTING SUSCEPTIBILITY TO OPTIC
6   NEUROPATHY
8 <130> FILE REFERENCE: 665045
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/593,103
C--> 11 <141> CURRENT FILING DATE: 2006-09-15
13 <150> PRIOR APPLICATION NUMBER: US 60/553986
14 <151> PRIOR FILING DATE: 2004-03-18
16 <150> PRIOR APPLICATION NUMBER: US 60/604704
17 <151> PRIOR FILING DATE: 2004-08-27
19 <150> PRIOR APPLICATION NUMBER: US 60/607359
20 <151> PRIOR FILING DATE: 2004-09-07
22 <160> NUMBER OF SEQ ID NOS: 209
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 360
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo Sapiens
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34 ccataactag ttattatcga aaccatcagc ctactcattc aaccaatagc cctggccgta      120
36 cgcctaaccg ctaacattac tgcaggccac ctactcatgc acctaattgg aagcgccacc      180
38 ctagcaatat caaccattaa ccttcctctt acacttatca tcttcacaat tctaattcta      240
40 ctgactatcc tagaaatcgc tgtcgcccta atccaagcct acgttttcac acttctagta      300
42 agcctctacc tgcacgaca cacataatga cccaccaatc acatgcctat catatagtaa      360
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46 <211> LENGTH: 300
47 <212> TYPE: DNA
48 <213> ORGANISM: Homo Sapiens
50 <400> SEQUENCE: 2
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53 cagaactgtc ataagatatg agctgaatac cgagacagtg aaggctgaga aggaaatccc      120
55 tggagctggc taccacggac agttcccgtg ttcttggggt ggctacacgg acattgactt      180
57 ggctgtggat gaagcaggcc tctgggtcat ttacagcacc gatgaggcca aagggtgcat      240
59 tgtcctctcc aaactgaacc cagagaatct ggaactcgaa caaacctggg agacaaacat      300
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 540
64 <212> TYPE: DNA
65 <213> ORGANISM: Homo Sapiens
67 <400> SEQUENCE: 3
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70 caagggccag gtgtgcatca aagacaaagg gtgaagttat ggtcagagg ttggagtcac      120
72 gtctgggtca aaggccaggg gtcaggcttg gccatggttc catcttgatg cacaggagct      180

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74 gaaggacagg atgacggaac tggtgcccct gagctcggtc ctggagcagt acaaggcaga      240
76 cacgcggacc attgtacgct tgcgggagga ggtgaggaat ctctccggca gtctggcggc      300
78 cattcaggag gagatgggtg cctacgggta tgaggacctg cagcaacggg tgatggccct      360
80 ggaggcccggt ctcacgcct gcgccagaa gctgggtatg ccttggccct tgaccctgac      420
82 ccctgatctc tgactgccac acccaactcc agtatcacct gtttgtgcct agaagctgga      480
84 cacagttttg acctctaact tttaaacttc aacccttgac ctctctacct aaggctacac      540
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89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
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93 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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96 ttgccgtccc aagcaatgga tga                                          23
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100 <211> LENGTH: 23
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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108 tctgggaagg gacagaagat gac                                          23
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 22
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
119 <400> SEQUENCE: 6
120 gatcgataag ttccgtttca cc                                          22
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 25
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
131 <400> SEQUENCE: 7
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136 <211> LENGTH: 600
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo Sapiens
140 <400> SEQUENCE: 8
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143 aagatgggtg gtgggggcca ggcacgaggt ccgcagccag ggaggacgac agcatccgcc      120
145 ctttcaaggt ggaaacgtca gatgaggaga tccacgactt acaccagagg atcgataagt      180
147 tccgtttcac cccacctttg gaggacagct gcttccacta tggtttcaac tccaactacc      240
149 tgaagaaagt catctcctac tggcggaatg aatttgactg gaagaagcag gtggagattc      300
151 tcaacagata ccctcacttc aagactaaaa ttgaagggct ggacatccac ttcacccacg      360

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153 tgaagccccc ccagctgccc gcaggccata ccccgaaagg cttgctgatg gtgaacggct 420
155 ggcccggctc tttctacgag ttttataaga tcatccact cctgactgac cccaagaacc 480
157 atggcctgag cgatgagcac gtttttgaag tcatctgccc ttccatccct ggctatggct 540
159 tctcagaggc atcctccaag aaggggttca actcggtggc caccgccagg atcttttaca 600
162 <210> SEQ ID NO: 9
163 <211> LENGTH: 780
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo Sapiens
167 <400> SEQUENCE: 9
168 gcaggccccc caccgaccc ccaacccag cccctagca gagacctgtg ggaagcgaaa 60
170 attccatggg actgactttc tgctcttgct tttcagactt cctgaaaaca acgttctggt 120
172 aaggacaagg gttgggctgg ggacctggag ggctggggac ctggagggtt ggggggctgg 180
174 ggggctgagg acctggctct ctgactgctc ttttcacca tctacagtcc cccttgccgt 240
176 cccaagcaat ggatgatttg atgctgtccc cggacgatat tgaacaatgg ttcactgaag 300
178 acccaggtcc agatgaagct ccagaatgc cagaggctgc tccccgcgtg gccctgcac 360
180 cagcagctcc tacaccggcg gcccctgcac cagccccctc ctggcccctg tcatcttctg 420
182 tcccttccca gaaaacctac cagggcagct acgggttccg tctgggcttc ttgcattctg 480
184 ggacagccaa gtctgtgact tgcacgggtc gttgccctga ggggctggct tccatgagac 540
186 ttcaatgcct ggccgtatcc ccctgcattt cttttgtttg gaactttggg attcctcttc 600
188 accctttggc ttctgttcag tgttttttta tagtttacc acttaatgtg tgatctctga 660
190 ctctgtccc aaagttgaat attccccct tgaatttggg cttttatcca tcccatcaca 720
192 ccctcagcat ctctctggg gatgcagaac ttttctttt cttcatccac gtgtattcct 780
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196 <211> LENGTH: 19
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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204 gccataaaac tttcacca 19
207 <210> SEQ ID NO: 11
208 <211> LENGTH: 21
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
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213 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
215 <400> SEQUENCE: 11
216 accataaaac tttcaccaa a 21
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221 <212> TYPE: DNA
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224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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228 ccctacgggc tactacaacc cttcgctgac t 31
231 <210> SEQ ID NO: 13
232 <211> LENGTH: 21
233 <212> TYPE: DNA

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234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
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240 atgataagtg tagagggaag g 21
243 <210> SEQ ID NO: 14
244 <211> LENGTH: 20
245 <212> TYPE: DNA
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248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
251 <400> SEQUENCE: 14
252 gtgataagtg tagagggaag 20
255 <210> SEQ ID NO: 15
256 <211> LENGTH: 47
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
263 <400> SEQUENCE: 15
264 ggcgacagcg atttctagga tagtcagtag aattagaatt gtgaagt 47
267 <210> SEQ ID NO: 16
268 <211> LENGTH: 14
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
275 <400> SEQUENCE: 16
276 gccacaggct tcca 14
279 <210> SEQ ID NO: 17
280 <211> LENGTH: 15
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
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292 <211> LENGTH: 38
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296 <220> FEATURE:
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304 <211> LENGTH: 21
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence

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321 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
323 <400> SEQUENCE: 20
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328 <211> LENGTH: 37
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
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339 <210> SEQ ID NO: 22
340 <211> LENGTH: 23
341 <212> TYPE: DNA
342 <213> ORGANISM: Artificial Sequence
344 <220> FEATURE:
345 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
347 <400> SEQUENCE: 22
348 atggttgtct ttgatatac tac                                23
351 <210> SEQ ID NO: 23
352 <211> LENGTH: 22
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial Sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
359 <400> SEQUENCE: 23
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363 <210> SEQ ID NO: 24
364 <211> LENGTH: 56
365 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
371 <400> SEQUENCE: 24
372 ttttggggga gggtatatgg gtttaatatg tttttaatt tatttagggg gaatgt    56
375 <210> SEQ ID NO: 25
376 <211> LENGTH: 19
377 <212> TYPE: DNA
378 <213> ORGANISM: Artificial Sequence
380 <220> FEATURE:

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/593,103

DATE: 11/13/2006

TIME: 12:27:09

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Output Set: N:\CRF4\11132006\J593103.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date